PLUMBERS and BUILDERS supplied with CAST and MILLED LEAD in sheets, or cut to dimensions. Patent and Fenced Pipe Lead, Trap and Bottom Screws, at wholesale prices. WILLIAM DENT, 3a, NEWCASTLE-STREET, STRAND, Manufacturer of Engine-pumps, Water-closets, and every description of Plumbers' Brasswork. The Monitored Urinal Basins now selling at the reduced prices of 17s. 6d. 21s. and 25s. according to colour and fittings. Also an Earthenware Slab and Wash-hand Basin of improved construction.

STAINING DEAL TO IMITATE ALL KINDS of WOODS. It requires no cleaning, and will stand the exposure to the weather. Price 6s. per gallon. Varnishes for W. NAYLOR'S stains may be had at the Factory, 57, James-street, Oxford-street.

DAMP WALLS.—NEW PATENT PAINT, as used at the TOWER, by order of HER MAJESTY'S HONOURABLE BOARD of ORDNANCE; at the TUNNEL; ZOOLOGICAL GARDENS, Regent's-park, and various other public and private buildings; in quantities to finish twenty square yards for 10s.

PATENT LIQUID CEMENT for the fronts of houses, for beauty pre-eminent, giving the appearance of fine cut stone, and only one-eighth the cost of Oil Paint. In casks of 1, 2, and 5 cwt. at 8s. 10s. and 9s. each.

PATENT MINERAL ZINC PAINTS, invaluable for cheapness, beauty, and permanence, ready for use. White Stone and Lead, 5s. Greens and Blues, 6s. per gallon.

BLACK MINERAL PAINT, very permanent, half the usual price; only 3s. per gallon.

NEW PATENT COLOUR for inside work may be applied on Wood, Stucco, Cement, or over Oil Paint. No smell, and will dry to an hour. In casks of 1 cwt. at 14s.

G. NELL and CO. Steam Mills, 3, Wellington-street, Gray's-hill-street, London.

HUBBUCK'S PATENT WHITE ZINC PAINT—The PERMANENT WHITE of the Ancients, by its costliness hitherto restricted to the use of the artist, is now offered at the price of the ordinary white lead.

Four years since the proprietors placed their manufacture on a large scale, and put this elegant Paint in competition with White Lead.

Its continued superiority over every other paint hitherto known brought forward various imitations.

These inferior productions, frequently made from zinc ores, containing lead, arsenic, and other deleterious material, alike injurious to health, destroyed in body, and reducing the preservative properties far below the original paint stands pre-eminent.

In justice to the proprietors them should not be confounded with the original, even though sold under the pretence that it is all the same.

However's paint is entirely free from any injurious properties whatever; it is healthful in the manufacture, healthful in use, and healthful to occupants of rooms lately painted with it.

As a guard to the painter against the substitution of the inferior paints, each cask is stamped

"HUBBUCK, LONDON, PATENT"

and if the cask has not been so marked, the reason is obvious.

The powdered White Zinc may be had for grinding in oil; also for use for porcelain cards, for japanners, for gutta percha, and for plaster decorations, and the other purposes where it is used with gum, varnish, spirit, &c. &c.

A circular with full particulars may be had of THOMAS HUBBUCK and SON, Colour Manufacturers, opposite the London Docks.

PURE PATENT WHITE ZINC PAINT, from the VIEILLE MONTAGNE ZINC MINING COMPANY of BELGIUM.—This PAINT is superior in every respect to white lead; it is unequalled in whiteness, and covers very hard after it is applied, and is, therefore, for interior work, unsurpassable of a high polish. Besides, it is entirely free from all poisonous influences, is unaffected by sea-water, sulphuretted hydrogen, or any gases, and preserves its original colour, which white lead does not do.

WHITE ZINC PAINT causes none of the ravages to invariably occasioned by white lead upon the human frame; neither painters' colics, nor paralysis, &c. &c. to which dangerous complaints the workmen and manufacturers who use it are exposed, and to which persons who inhabit newly-painted apartments are also liable. Since its introduction into the United Kingdom by the patentees, the Admiralty and the most eminent professional men have given it the preference over every other paint. The public is cautioned, that if white zinc paint is adulterated, it becomes a very inferior paint, instead of a first-rate one, and peels or washes off on outside work.

The VIEILLE MONTAGNE ZINC COMPANY imports largely from its works in Belgium WHITE OXIDE of ZINC in a dry powder, and the casks bearing their mark, V.M., are only to be considered as genuine, and may be obtained, for grinding in oil, at any of their Agents, residing in the following towns, viz.: London, Liverpool, Birmingham, Hull, Newcastle, Leith, Chester, Bristol, Plymouth, Norwich, Ipswich, Dublin, Cork, Belfast, and Jersey.

The same oxides ground "pure" to a White Zinc Paint, may be also obtained from the Company's Agents of the above-mentioned localities, as likewise from their Grinding Agents, Messrs. C. DEVAUX and Co. 68, King William-street, City, London; and Messrs. HOPE, ANDERSON and Co. Timber Beach, Leith, Scotland. Pure White Zinc Paint may likewise be purchased from Messrs. BLUNDELL SPENCE and Co. Hull.

For further particulars apply to Mr. H. F. SCHMOLL, General Agent for the United Kingdom at the Company's offices, 18, Manchester-buildings, Westminster-bridge, London.

THE WASHINGTON CHEMICAL COMPANY, NEWCASTLE-ON-TYNE;
Manufacturers of

PATTINSON'S OXICHLORIDE of LEAD.—The Washington Chemical Company having, during the last year, established a Manufactory of Pattinson's Oxichloride of Lead on a large scale, and being able to supply it with regularity, and to execute orders without delay, now proceed to bring this new and valuable preparation of Lead before their friends and the public, quite sure that it will not, in the present age, be considered because it is new, and that if judged by its merits, it must make its way, and finally take its place as one of the important manufactures of this country.

Pattinson's Oxichloride of Lead is a chemical combination of one equivalent of Chloride of Lead, and one equivalent of Oxide of Lead; it being well known that common White Lead is a chemical combination of one equivalent of Oxide of Lead, and one equivalent (or thereabouts) of Carbonic Acid, constituting what is called in chemical language, Carbonate of Lead. Now there is no reason to conclude that Carbonate of Lead is the only compound of lead suitable as a paint, and still less that it should be the best known pound of lead for that purpose. In point of fact it is not so, for the newly-discovered Oxichloride is most, if not in all respects, is far superior; its colour is brilliantly white, and in a number of cases it has been tried against the best White Lead that could be obtained, and after a period of upwards of two years it has been found to retain its white colour, considerably better than the lead against which it was tried.

But the chief and by far the most important advantage it possesses in its remarkable and very decided superiority of Body, by which term the power of covering surface well and effectually, is understood among Painters. The attention of the discoverer was at a very early period drawn in this circumstance, and since that time the Washington Chemical Company have had abundant opportunities of pointing its superiority in this important particular beyond all doubt. They have themselves performed a number of experiments, and have also caused a number of experiments to be performed, in the large way, by various practical men, to ascertain accurately its covering power as compared with the best White Lead, and they now state the proportions to be as 6 to 10; that is, 60 lbs of Oxichloride Paint will cover as much surface as 100 lbs. of the best White Lead, the covering of one being in the same proportion; besides this, the coatings is thicker and more protective, both in and out of doors, as the Oxichloride dries into a hard, tenacious layer, more like an Enamel than paint.

In using the Oxichloride, no difference in the materials with which it is mixed is required. Oil and Turpentine being employed as usual both for work technically called Plastering, and for work intended to be varnished. For the use of Paper Stainers and Leather Dressers, the Oxichloride is found to be peculiarly suitable. The Washington Chemical Company strongly recommend this newly-discovered substance to the notice of consumers, both on account of its economy, and its intrinsic good qualities as a paint.

OFFICE IN LONDON.—Mr. R. COOKE, No. 7, Bow-lane.

Office of the Washington Chemical Company,
73, Grey-street, Newcastle-on-Tyne, January 1, 1852.

PAPER-HANGINGS.—COTTERELL, BROTHERS, 226, New Oxford-street, offer to the public a selection from all the best patterns manufactured in London and Paris in style and economy not to be excelled. The prices range from 3d. per piece of twelve yards. Samples forwarded on application, or by post on receipt of 1s. stamps. The trade supplied on very liberal terms.—226, New Oxford-street; also at Bristol and Bath.

GUTTA PERCHA PAPER for DAMP WALLS. JEFFREY, ALLEN, and CO. having improved their make of the above, recommend it to the Trade as a substitute for lead, it being much cheaper, and (when the wall is not absolutely wet) equally efficient. JEFFREY, ALLEN and CO.'s IMPROVED PAPER-HANGINGS, comprising Decorations, Gold, Flock, Satin, Marble, and Red room Papers, printed on their own premises, both by block, and cylinder, are also offered of good quality and at very moderate prices.—Kent and Essex-yard; or 11b, High-street, Whitechapel, London.

PAPER-HANGINGS, by E. T. ARCHER'S patented Machine, Blocks, Cylinders, and Artistical Labour, at his Manufactory for all kinds of papers adapted for Internal decorations. PANELLED DECORATIONS fitted up on the walls of the extensive Show Rooms, in every known style, and for all purposes, by artists of known merit.

Always on hand a CHOICE and EXTENSIVE SELECTION of FRENCH PAPERS, from the best manufacturers in Paris.

Attached to the paper-hanging factory there is the choicest assortment of CABINET FURNITURE in London, of the best make, and upholstery goods of the first fabric, Brussels carpet, 3s. 6d. per yard; Bow cloths, the best that can be made cut to any dimensions, 2s. 3d. per yard; cloth and worsted curtains, of the finest fabrics, 4 feet wide, 3s. per yard, at

E. T. ARCHER'S, 451, Oxford-street.

PAPER HANGINGS.—R. HORNE, PAPER-HANGING MANUFACTURER, 61, Gracechurch-street, City, invites builders and the trade to inspect his extensive stock of NEW DESIGNS in PAPER HANGINGS, which, by the aid of powerful machinery, he is enabled to offer at the following prices, in stock quantities, for cash only, viz.:—

Sheet lining paper	6d.	Pieces
Superior ditto	6d. and 7d.	
Red-room papers, in great variety	8d.	
An excellent oak paper	8d.	
Sitting-room ditto, on blended grounds	7d. to 9d.	
Hand-made marbles	8d. to 9d.	
Good satin papers	1s. 6d. to 2s. 2s.	
Flock papers	2s. 6d. to 3s. 6d.	
Hand-made cretonne	9d. to 1s. 6d.	

Every novelty in French and English panelled decoration always on hand; also excellent imitation of fancy woods.

N.B. Patterns sent into the country, by post, showing the style and quality of the above, on receipt of two stamps, and the goods despatched with promptitude on receipt of a remittance to the amount of the order given.

CHURCH BELLS of the highest quality of tone and finish, at 1s. per lb. Peals of bells recast and warranted. House bells, with turned edges and wrought-iron clappers, at 10½d. per lb. Cracks at proportionately reduced prices.—Apply to BARRETT and OSBORNE, Bishopsgate Foundry, Skinner-street, London.

TO BELL-HANGERS, IRONMONGERS, GASFITTERS, PEWTERERS, AND THE METAL TRADES IN GENERAL.

RICHARD EVERED, Nos. 10, 11, and 12, Charles-street, Lena Acre, London manufactures and keeps in stock, at his Brass Foundry and General Metal Warehouses as below, Brass Cornice Poles, Rings, and Brackets, Lacquered Door Furniture, picture rods, window-rods, &c. &c.; House-bells, and Zinc tube; Gas Brackets, Pendants, Tin Pipe, and the fixtures of all descriptions. Castings to pattern in brass, hard and gun metal. Brass Castings in the rough of gas combs, brackets, &c. kept in stock, and every requisite for gasfitters, &c.

TWO THOUSAND POUNDS will be subscribed by COMPETITORS, amongst the Members of the LAMBETH BUILDING SOCIETY, No. 4, at the first Ad[illegible] Meeting, which will be held at the Adelaide Hotel, Lambeth-walk, on TUESDAY evening, June 15, 1852, from half-past 7 till Eight o'clock. Persons taking shares as or before the 22nd June will be entitled to bid for any portion of the money. For [illegible] tees, &c. see Prospectus, which may be had on application to the Manager, Mr. WILLIAM LAWLEY, 17, Southampton-buildings, Chancery-square; to the Secretary, Mr. WILLIAM NATHAN, Lincoln's-inn-terrace; or will be sent free on receipt of a postage stamp. Subscriptions may be taken of the Manager or Secretary, as above, or of Mr. WILLIAM PURVIS, 130, Blackfriars-road. The rules are now ready, price 6d.; by post 7d. Attendance will also be given at the Adelaide Hotel, London-bridge, every Tuesday evening, (for further notice) from half-past Six to Eight o'clock, to receive shares and answer inquiries.

WANTED, in Terra Cotta, the ROYAL ARMS, with supporters, &c. as important pattern; size 2 feet by 4 feet.—Apply, stating weight and price, to W. CLEMENCE, Builder, 21, Villiers-street, Strand.

IMPORTANT to FAMILIES FURNISHING, who study Elegance with Economy.—JAMES GRAHAM'S Patent French-polished Mahogany Arabian Bedstead, Bedding, Carpet, Looking-glass and Upholstery Warehouse, 10, Conduit-street, and a list of prices sent post free.

BROMPTON HOUSE, 29 and 31, QUEEN'S-BUILDINGS, KNIGHTSBRIDGE.

TARPAULINS FOR COVERING ROOFS during Repairs, SCAFFOLD CORDAGE, new lengths of ROPE used by Builders upon the lowest terms. Superior Tarpaulin Awnings on sale or hire. Orders per post receive the most prompt attention.—WILLIAM PURVIS, 130, Fore-street, City, Manufacturer, by appointment, to her Majesty's Honourable Board of Ordnance.

A BARGAIN.—About 150 squares of 13-inch deep yellow planed, tongued, and grooved Flooring Boards, now lying in the West India Docks, at 10s. per square. Inquire of Mr. FOSKEY and Co.'s Timber Yard, near the West India Import Dock, Wall-end, Poplar.—N.B. 6,000 fresh Norway deals, 9 inch to 10 feet in length, at 1d. per foot run.

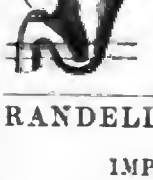
BRICKS of the FIRST QUALITY, at the lowest possible prices for Cash, to be had at F. ASHFIELD'S, Vauxhall Wharf, Shipping and Draw-dock, Millbank, Pimlico.

E. ARNENDEN has to acquaint the Public that having purchased the above Premises, he will have constantly for sale a large quantity of Bricks, &c.

Orders addressed as above, or to his Brickfields, Sittingbourne, Kent, will meet with prompt attendance.

THE PATENT GLAZED, VENEERED, and COLOURED BRICKS, &c. manufactured by JOHN RIDGWAY and Co. Camden-place, Shelford-place, Hackney, and recently exhibited at the Portland Galleries, Regent-street, may have been taken away on the 1st April without the authority of the Patentees, as MR. WARD will be given to any one who can give information of the same, leading to the detection of the thief or thieves on application to Mr. THOMAS BEGGS, 14, Fleet-street, London.

LONDON HOUSE
FOR
RIDGWAY & CO.'S SANITARY VESSELS
(recessed)
FOUNTAIN BASINS, CLOSETS, SINKS, &c.

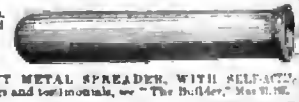


STEPHEN GREEN and CO.'S IMPROVED DRAIN PIPES, GLAZED INSIDE.—WORKS, IMPERIAL POTTERIES, PRINCES-STREET, LAMBETH.

Common Syphon Closet Pans, well glazed inside, 7s. 6d. each.
Extra, if fitted with the patent air-tight valve, by which the trap can be cleansed without removing the seat, 1s. 6d. each.

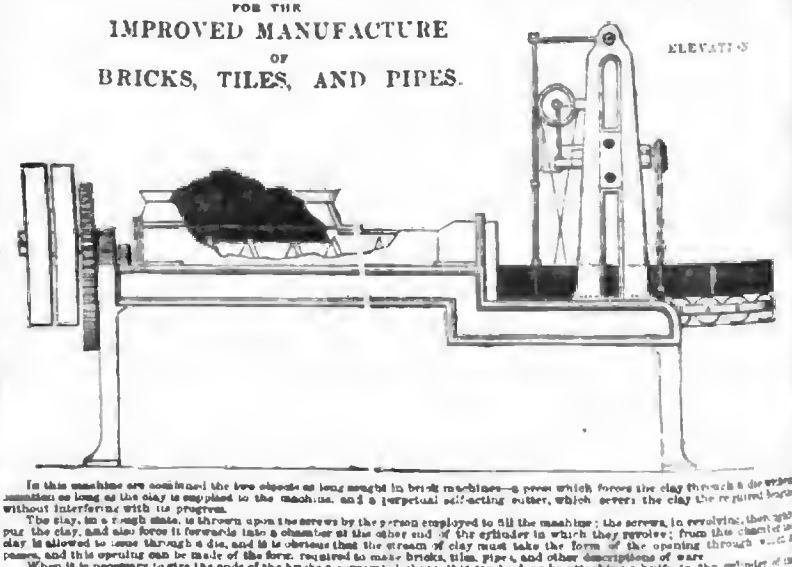
Various patterns of improved shapes always on hand.

Straight Tubes, Junctions, Bends, Curves, Elbows, Syphon-traps, Flap-traps, Grinals, Surface sinks and increasing Pipes always kept stock.



Manufacturers of the
PATENT SYPHON FLUSHING-BASIN, WITHOUT METAL SPREADER, WITH SELF-ACTING CLOSET CONNEXIONS. For Illustrative drawings and testimonials, see "The Builder," May 31, 1851.

RANDELL AND SAUNDERS'S PATENT MACHINE
FOR THE
IMPROVED MANUFACTURE
OF
BRICKS, TILES, AND PIPES.



In this machine are combined the two objects so long sought in brick machines—a power which forces the clay through a die without cessation so long as the clay is supplied to the machine, and a perpetual self-acting cutter, which severs the clay the required length without interfering with its progress.

The clay, in a rough state, is thrown upon the screws by the person employed to fill the machine; the screws, in revolving, then propel the clay, and also force it forwards into a chamber at the other end of the cylinder in which they revolve; from this chamber the clay is allowed to issue through a die, and it is obvious that the stream of clay must take the form of the opening through which it passes, and this opening can be made of the form required to make bricks, tiles, pipes, and other descriptions of ware.

When it is necessary to give the ends of the bricks a corrugated shape, this can be done by attaching a knife to the cylinder of the square; this knife revolves with the cylinder, and is made the shape required for the ends of the bricks, which form it impress upon the bricks in cutting them. This arrangement is adopted for making Messrs. RANDELL and SAUNDERS'S Patent Draining Bricks for sewage purposes, which make a drain of much greater strength than the stoneware or red-ware pipes, and at far less cost.

The machine is self-acting—the attendants have merely to put in the clay, and remove the bricks, or other ware, which may be produced.

When worked with two-horse power, the machine will produce 1,200 bricks, or 1,800 6-inch pipes, per hour; more power may be applied if desirable, and a larger result obtained.

The screws propel the clay without taking air in with it; thus the ware comes out free from the imperfections which are so often seen in the ware produced by piston presses; and the loss so generally incurred by waste in burning, from the expansion of the air in the ware, is avoided.

The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only lessens the cost of labour required in the process of brick making, but, to the clay can be used in a much drier state than it can be when moulded by the hand, the time occupied in drying is much less; and, when hollow bricks are made, a material saving is effected in the cost of manufacture and burning. In consequence of the great compression given to the clay in its transit, ware of very superior quality is produced.

For price and further particulars apply to RANDELL and SAUNDERS, Bath; CHARLES JOHN CARR and CO. Engineers, Belper, Derby; STOTHERT, BATNO, and PITT, Engineers, Bath; or to FOWLER and PEY, Engineers, Bristol.